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TITLE : SUBSTRATE FOR CELL CULTURE

ABSTRACT : PURPOSE: To obtain an easily handleable, low-cost cell culture substrate effective in promoting the growth and proliferation of cells, by bonding a bio-information molecule to a polymer having carboxyl group and amino group by coupling reaction.

CONSTITUTION: The objective culture substrate suitable in the field of medical material, e.g., artificial substrate can be produced by coupling (A) a polymer having carboxyl group and/or amino group (e.g., carboxymethyl cellulose or polyaspartic acid) with (B) a bio-information molecule (preferably bovine insulin, bovine epithelocyte growth factor, bovine transferrin, etc.), thereby grafting and immobilizing the component B.

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